

HISTORIC AMERICAN ENGINEERING RECORD

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HAER  
CAL,  
10-HUME,  
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Hume Lake Dam  
Sequoia National Forest  
Fresno County  
California

HAER No. CA-16

Richard K. Frear, Photographer

August, 1982

- CA-16-1      GENERAL VIEW OF DAM LOOKING UPSTREAM (SOUTH) FROM  
"DRYER HILL".
- CA-16-2      GENERAL VIEW OF DAM LOOKING UPSTREAM (SOUTH).
- CA-16-3      VIEW LOOKING UPSTREAM WITH DAM IN BACKGROUND AND  
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CONCRETE.
- CA-16-11     DETAIL VIEW OF BUTTRESS 8 AND HALF OF ARCH 7  
SHOWING THE UPSTREAM INCLINATION OF THE ARCH. ALSO  
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- CA-16-12      DETAIL VIEW OF BUTTRESS 8 AND HALF OF ARCH 7. THE IMPRESSIONS OF THE WOODEN FORMS ARE VISIBLE ON THE CONCRETE. ALSO VISIBLE IS THE PLACEMENT OF THE DAM DIRECTLY ON BEDROCK.
- CA-16-13      DETAIL VIEW OF BUTTRESS 4 SHOWING THE RESULTS OF POOR CONSTRUCTION WORK. THOUGH NOT A SERIOUS STRUCTURAL DEFICIENCY, THE "HONEYCOMB" TEXTURE OF THE CONCRETE SURFACE WAS THE RESULT OF INADEQUATE TAMPING AT THE TIME OF THE INITIAL "POUR".
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JOHN S. EASTWOOD

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Hume Lake Dam

All photographs are by Dick Freer, National Park Service Western Regional Office Photographer, August 1982.

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- CA-16-10     Detail view of buttress #8 looking east. The impressions of wooden forms are visible on the concrete.
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- CA-16-12     Detail view of buttress #8 and half of arch #7. The impressions of the wooden forms are visible on the concrete. Also visible is the placement of the dam directly on the bedrock.

- CA-16-13 Detail view of buttress #4 showing the results of poor construction work. Though not a serious structural deficiency, the "honeycomb" texture of the concrete surface was the result of inadequate tamping at the time of the initial "pour."
- CA-16-14 Detail view of buttress #4 showing the results of inadequate tamping. The size of granite aggregate used in the dam's concrete is clearly shown.
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- CA-16-22 Photocopy of circa 1920 photographs of John S. Eastwood. Reproduced courtesy of Charles Allen Whitney, Santa Monica, CA.